GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA

UNSTARRED QUESTION NO:1567
ANSWERED ON:11.12.2003
CONVERSION OF PLASTIC WASTES INTO PETROLEUM FUEL
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Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether research has been carried out by an Indian scientist not only for conversion of plastic waste into a degradable waste but also to convert into a petroleum like fuel;

(b) if so, the details of the research work carried out so far and the results thereof; and

(c) the steps being taken to exploit this process for commercial use indicating the estimated likely annual yield of the fuel from this source?

Answer

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SMT SUMITRA MAHAJAN)

(a) Yes, Sir

(b) Experiments were conducted by a joint team of IOC R&D and Professor Alka Zadgaonkar between 1.7.2003 and 10.7.2003. The findings of the report on the process are that before the fuel so obtained is used for auto and other purposes, its chlorine content, diene level etc are required to be improved.

(c) The results of the experiments have been referred to Scientific Advisory Committee on Hydro-Carbon of the Ministry of Petroleum & Natural Gas.